



**Supplementary information, Figure S1** Expression of VEGF receptors and different VEGF ligands in the human Isl1<sup>+</sup> progenitors.

(A) qPCR data showing expression levels of the Isl1 gene in FACS-purified VEGFR1<sup>+</sup> or VEGFR2<sup>+</sup> cells compared to that of the human ESCs (value on y-axis = 1). (B, C) qPCR data showing expression levels of different ligands of the VEGF family in CD144<sup>+</sup>CD31<sup>+</sup> ECs purified from different subdomains of human fetal hearts of (C) 10 or (D) 20 gestation weeks, expression levels were compared to that of the non-cardiac, human cord blood-derived outgrowth endothelial cells (OECs, value on y-axis = 1).